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<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. CYTOP035C4	Application No. 10/002,712
	Applicant: Hartman et al.	
	Filing Date November 1, 2001	Group /607 unknown

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## U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date

## Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub- class	Translation	
							Yes	No

## Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
126	A	"Methods to Characterize Actin Filament Networks", Pollard, T.D. and Cooper, J.A., Methods Enzymol Vol 85 Pt B, 1982 PP 211-233.
	B	"Methods to Measure Actin Polymerization", Cooper, J.A. and Pollard, T.D. Methods Enzymol Vol 85 Pt B, 1982 PP 182-210.
	C	"The Rate Constant for ATP Hydrolysis by Polymerized Actin", Pollard, T.D and Weeds, A.G., FEBS Lett VOL 170 No. 1 1984 May 7, PP 94-98.
	D	"Assays for Myosin", Pollard, T. D., Methods Enzymol VOL. 85 Pt B, 1982 PP. 123-30
	E	"Purification of Nonmuscle Myosins", Pollard, T. D., Methods Enzymol VOL. 85 Pt B, 1982 PP. 331-56
	F	"Inhibition of acanthamoeba actomyosin-II ATPase activity and mechanochemical function by specific monoclonal antibodies", Kiehart, D. P. and Pollard, T. D., J Cell Biol VOL. 99 NO. 3, 1984 Sep PP. 1024-33
	G	"Transient kinetic analysis of rhodamine phalloidin binding to actin filaments", De La Cruz, E. and Pollard, T. D., Biochemistry VOL. 33 NO. 48, 1994 Dec 6, PP. 14387-92
	I	"Mechanical properties of actin filament networks depend on preparation, polymerization conditions, and storage of actin monomers.", Xu, J.; Schwarz, W. H.; Kas, J. A.; Stossel, T. P.; Janmey, P. A.; Pollard, T. D., Biophys J VOL. 74, NO. 5, 1998 May PP. 2731-40
	K	"In vitro assays of processive myosin motors", Rock, R. S.; Rief, M.; Mehta, A. D.; Spudich, J. A., Methods VOL. 22, 2000 Dec., PP. 373-81
	L	"The sequence of the myosin 50-20K loop affects Myosin's affinity for actin throughout the actin-myosin ATPase cycle and its maximum ATPase activity", Murphy, C. T.; Spudich, J. A., Biochemistry VOL. 38 NO. 12 1999 Mar 23 PP. 3785-92
✓	M	"Specialized conservation of surface loops of myosin: evidence that loops are involved in determining functional characteristics", Goodson, H. V.; Warrick, H. M.; Spudich, J. A., J Mol Biol VOL. 287 NO. 1 1999 Mar 19 PP. 173-85
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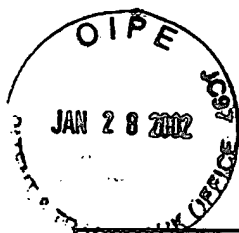
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## Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
126	N	"Kinetic characterization of myosin head fragments with long-lived myosin ATP states.", Friedman, A. L.; Geeves, M. A.; Manstein, D. J.; Spudich, J. A., Biochemistry VOL. 37 NO. 27 1998 Jul 7 PP. 9679-87
	O	"Dictyostelium myosin 25-50K loop substitutions specifically affect ADP release rates", Murphy, C. T.; Spudich, J. A., Biochemistry VOL. 37 NO. 19, 1998 May 12, PP. 6738-44
	P	"Phenotypically selected mutations in myosin's actin binding domain demonstrate intermolecular contacts important for motor function", Giese, K. C.; Spudich, J. A., Biochemistry VOL. 36 NO. 28, 1997 Jul 15, PP. 8465-73
	Q	"Structure-function analysis of the motor domain of myosin", Ruppel, K. M.; Spudich, J. A., Annu Rev Cell Dev Biol, VOL. 12, 1996 PP. 543-73
	R	"Characterization of single actin-myosin interactions", Finer, J. T.; Mehta, A. D.; Spudich, J. A., Biophys J, VOL. 68, NO. 4 Suppl 1995 Apr, PP. 291S-296S
	S	"Enzymatic activities correlate with chimaeric substitutions at the actin-binding face of myosin", Uyeda, T. Q.; Ruppel, K. M.; Spudich, J. A., Nature, VOL. 368, NO. 6471, 1994 Apr 7 PP. 567-9
	T	"In vitro methods for measuring force and velocity of the actin-myosin interaction using purified proteins", Warrick, H. M.; Simmons, R. M.; Finer, J. T.; Uyeda, T. Q.; Chu, S.; Spudich, J. A., Methods Cell Biol, VOL. 39, 1993, PP. 1-21.
	U	"Assays for actin sliding movement over myosin-coated surfaces", Kron, S. J.; Toyoshima, Y. Y.; Uyeda, T. Q.; Spudich, J. A., Methods Enzymol, VOL. 196 1991 PP. 399-416
	V	"The myosin step size: measurement of the unit displacement per ATP hydrolyzed in an in vitro assay", Toyoshima, Y. Y.; Kron, S. J.; Spudich, J. A., Proc Natl Acad Sci U S A VOL. 87 NO. 18, 1990 Sep PP. 7130-4
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Other Documents

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<i>RL</i>	W	"Myosin subfragment-1 is sufficient to move actin filaments in vitro", Toyoshima, Y. Y.; Kron, S. J.; McNally, E. M.; Niebling, K. R.; Toyoshima, C.; Spudich, J. A., Nature VOL. 328 NO. 6130 1987 Aug 6-12 PP. 536-9
	X	"Fluorescent actin filaments move on myosin fixed to a glass surface", Kron, S. J.; Spudich, J. A., Proc Natl Acad Sci U S A VOL. 83 NO. 17 1986 Sep PP. 6272-6
	Y	"Myosin movement in vitro: a quantitative assay using oriented actin cables from Nitella", Sheetz, M. P.; Block, S. M.; Spudich, J. A., Methods Enzymol VOL. 134, 1986, PP. 531-44
	Z	"Movement of myosin-coated beads on oriented filaments reconstituted from purified actin", Spudich, J. A.; Kron, S. J.; Sheetz, M. P., Nature, VOL. 315 NO. 6020 1985 Jun 13-19 PP. 584-6
	AA	"ATP-dependent movement of myosin in vitro: characterization of a quantitative assay", Sheetz, M. P.; Chasan, R.; Spudich, J. A., J Cell Biol, VOL. 99, NO. 5 1984 Nov PP. 1867-71
	AB	"Purification of muscle actin", Pardee, J. D.; Spudich, J. A., Methods Enzymol VOL. 85 Pt B 1982 PP. 164-81
	AC	"Purification of muscle actin", Pardee, J. D.; Spudich, J. A., Methods Cell Biol VOL. 24 1982 PP. 271-89
	AD	US Patent Application No. 09/314,464, Finer et al., Filed May 18, 1999, Title: COMPOSITIONS AND ASSAYS UTILIZING ADP OR PHOSPHATE FOR DETECTING PROTEIN MODULATORS
Examiner	Date Considered	
<i>RL bitumen</i>	<i>5/29/03</i>	

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